



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

ALVIN J. WATSON

Serial No.: 09/542,032

Filed: April 3, 2000

Examiner: R. Leykinl

Group Art Unit: 2837

SYSTEM AND METHOD FOR
VARIABLE PUMP CONTROL

CERTIFICATE OF MAILING

I hereby certify that this correspondence is
being deposited with the United States
Postal Services as First Class Mail, in an
envelope, postage prepaid, addressed to:
ASSISTANT COMMISSIONER FOR
PATENTS, BOX AMENDMENT,
WASHINGTON, D.C. 20231 on
10/24, 2001.

Christine Kierzek

Typed Name

Christine Kierzek
Signature

DUPL.
#7/A

AMENDMENT

Assistant Commissioner for Patents
Box Amendment-No Fee
Washington, D.C. 20231

Match & Return

Sir:

Responsive to the Office Action dated May 18, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Amended) A system for controlling the speed of an AC electric motor connected to a cyclical load, the system comprising:
 - a signal conversion circuit to convert an AC electric signal to a DC electric signal;
 - a signal measurement circuit sampling the DC electrical signal and deriving a DC electric characteristic signal corresponding to a motor attribute in response thereto;